



Principal Engineer

Department: Countywide

Class Code: 6634

EEO Code: 22

FLSA: E

Effective: 01/08/1994

GENERAL STATEMENT OF DUTIES:

Under administrative direction; performs work of considerable difficulty in directing and supervising the daily operations of the engineering and inspection section; and performs related work as required.

SPECIFIC STATEMENT OF DUTIES:

Supervises, directs and consults with review engineers as necessary in their review of site developments in the county, relative to erosion control and drainage; insures compliance with standards and requirements and good engineering principles; responsible for reviewing, hiring, dismissal, disciplinary actions, and promotions related to the engineering and inspection areas; provides the necessary training for new engineers and oversees the training of inspectors; assures plans are in accordance with local, state, and federal guidelines; coordinates the workload between the review engineers; performs in-depth preliminary drainage analysis when required on zoning requests; responsible for building permit application compliance in regard to the County Flood Plain Management Ordinance and plan requirements and interpretations; responsible for overseeing proper communication regarding citizen complaints or related issues to site developments; and performs related work as required.

REQUIRED SKILLS, KNOWLEDGE AND ABILITIES:

Considerable knowledge of civil engineering; of construction techniques; of surveying techniques; site development processes; of erosion control principles and techniques; of effective supervision and employee training, development, and motivation; of state and federal laws regulating flood plains, erosion control, hydraulics, and hydrology.

Considerable skill in reviewing engineering plans; in designing basic components of water distribution systems; in surveying and drafting; in interaction effectively with a variety of professionals, non-professionals and citizens to establish effective working relationships for the department; in preparing technical reports and documents; and in supervising the work of others.

MINIMUM EDUCATION AND EXPERIENCE:

Completion of the core course requirements for a bachelor's degree in civil engineering, including coursework in hydraulic/hydrology; and one year of experience in civil engineering or in closely related work; or any equivalent combination of training and experience.

ADDITIONAL REQUIREMENTS:

None.

<p>This class specification is not intended to describe and does not necessarily list the essential job functions for a given position in a classification.</p>
